

4.MD.1 — Measurement Conversions Word Problems

Measurement • Grade 4 • Word Problems • Set C • CCSS 4.MD.1

Name: _____

Date: _____

Read each word problem carefully, convert the measurements, and write your answer with the correct unit.

1. A train ride is 2 hours and 15 minutes long. How many minutes long is the train ride in total?

2. Xavier measured a aquarium at 6 gallons. Xavier needs to record it in cups. How many cups is that? (1 gallon = 16 cups)

3. A rope is 10 feet long. How many inches long is the rope?

4. A train ride is 2 hours and 45 minutes long. How many minutes long is the train ride in total?

5. Hana measured a walking trail at 5 miles. Hana needs to record it in feet. How many feet is that? (1 mile = 5,280 feet)

6. A fish tank holds 5 quarts. How many pints does the fish tank hold?

7. A train ride is 1 hour and 45 minutes long. How many minutes long is the train ride in total?

8. Diego measured a batch of orange juice at 7 gallons. Diego needs to record it in pints. How many pints is that? (1 gallon = 8 pints)

9. A walking trail is 5 miles long. How many feet long is the walking trail? (1 mile = 5,280 feet)

10. A concert is 2 hours and 15 minutes long. How many minutes long is the concert in total?

11. Sam measured a walking trail at 3 miles. Sam needs to record it in yards. How many yards is that? (1 mile = 1,760 yards)

12. A aquarium holds 5 gallons. How many quarts does the aquarium hold?

13. A concert is 1 hour and 30 minutes long. How many minutes long is the concert in total?

14. Willa measured a aquarium at 2 gallons. Willa needs to record it in quarts. How many quarts is that?

15. A pie lasts 6 hours. How many minutes is that in total?

16. A train ride is 2 hours and 30 minutes long. How many minutes long is the train ride in total?

17. Zane measured a walking trail at 4 miles. Zane needs to record it in feet. How many feet is that? (1 mile = 5,280 feet)

18. A fish tank holds 4 quarts. How many pints does the fish tank hold?

19. A baseball game is 3 hours and 30 minutes long. How many minutes long is the baseball game in total?

20. Uma measured a aquarium at 7 gallons. Uma needs to record it in cups. How many cups is that? (1 gallon = 16 cups)

21. A fence is 2 miles long. How many yards long is the fence? (1 mile = 1,760 yards)

22. A movie is 3 hours and 15 minutes long. How many minutes long is the movie in total?

Answer Key

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|----------------|-----------------|-----------------|
| 1. 135 minutes | 9. 26,400 feet | 17. 21,120 feet |
| 2. 96 cups | 10. 135 minutes | 18. 8 pints |
| 3. 120 inches | 11. 5,280 yards | 19. 210 minutes |
| 4. 165 minutes | 12. 20 quarts | 20. 112 cups |
| 5. 26,400 feet | 13. 90 minutes | 21. 3,520 yards |
| 6. 10 pints | 14. 8 quarts | 22. 195 minutes |
| 7. 105 minutes | 15. 360 minutes | |
| 8. 56 pints | 16. 150 minutes | |